

Application No.:	10/017,304	
Filing Date:	December 11, 2001	
First Named Inventor:	Yao Wang, et al	
Confirmation No.:	7237	
Group Art Unit	2143	
Examiner:	England, David E.	
Customer No.	24227	
Total Number of Pages in this Submission:	Docket No.	EMC-01/201

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Authorization for the Commissioner to charge Deposit Account No. 05-0889 for fees associated with this transaction (in duplicate)	<input type="checkbox"/> Assignment <input type="checkbox"/> Recordation Cover Sheet	<input type="checkbox"/> Petition for Revival of an Unintentionally Abandoned Application [37 CFR 1.137(b)] (in duplicate)
<input type="checkbox"/> Amendment/Response	<input type="checkbox"/> Declaration/Power of Attorney <input type="checkbox"/> Copy of Notice to File Missing Parts of Nonprovisional Application	<input type="checkbox"/> Associate Power of Attorney Form PTOL-85B, Part B -Issue Fee Payment Transmittal," (in duplicate)
<input type="checkbox"/> After Final	<input type="checkbox"/> Revocation of Power of Attorney	<input type="checkbox"/> Express Abandonment Request
<input type="checkbox"/> Affidavits/Decl.	<input type="checkbox"/> Formal Drawings	<input type="checkbox"/> Fee Transmittal (in duplicate)
<input type="checkbox"/> Extension of Time Request for Months	<input type="checkbox"/> Letter to Official Draftsperson with three (3) sheets of redlined changes to drawings	<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Request for Continued Examination Transmittal	<input type="checkbox"/> Copy of PTO 948, "Notice of Draftsperson's Patent Review"	<input type="checkbox"/> Status Inquiry
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Certified Copy of Priority Document(s)	<input checked="" type="checkbox"/> Certificate of First Class Mailing
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Additional Enclosures:	<input type="checkbox"/> Certificate of Express Mail Mailing
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SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Date <u>May 25, 2007</u>	<u>Robert Kevin Perkins</u> Robert Kevin Perkins, Esq. (Reg. No.36,634) EMC Corporation Office of the General Counsel 176 South Street Hopkinton, MA 01748
Tel: (508) 293-6985	
Fax: (508) 293-7189	

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8]

I hereby certify that this correspondence and the above-referenced enclosures are being:

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Date May 26, 2005

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Sandra A. Kulaga

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PATENT
EMC-01-201

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:	Yao Wang, et al	GROUP ART UNIT:	2143
U.S.S.N.:	10/017,304	CONFIRMATION NO.	7237
FILING DATE:	December 11, 2001	EXAMINER:	England, David E.
		CUSTOMER NO.	24227
TITLE:	NETWORK MANAGEMENT FOR REPLICATION OF DATA STORED IN A DATA STORAGE ENVIRONMENT		

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 26, 2005.

Sandra A. Kildaga

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE TRANSMITTAL

Sir:

In keeping with the duty of candor and good faith owed to the Patent and Trademark Office, Applicant wishes to bring information to the attention of the Examiner. The filing of this statement shall not be construed as a representation that a search has been made or as an admission that this information is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

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Applicant: Yao Wang, *et al.*
U.S.S.N.: 10/017,304
Filing Date: December 11, 2001
EMC Docket No.: EMC-01-201

Enclosures

- ☒ A form PTO.SB.08A-Pg1 and/or PTO.SB.08A-Pg2 (formerly PTO-1449) listing this information is attached.
- ☒ A copy of each document cited is enclosed.
- ☐ Copies of the cited documents are not enclosed because

Fees

- ☐ This statement is filed before the later of (1) three months of (i) the filing of a national application or (ii) the entry date for the national stage of an international application or (2) the mailing date of a first office action on the merits. No fee is due.
- ☒ This statement is filed before the mailing date of a final office action, a notice of allowance or an action that otherwise closes prosecution, *and*
 - ☒ The submission fee of \$180.00 under 37 C.F.R. §1.17(p) is enclosed, *or*
 - ☐ The following certification is made:
 - ☐ each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement, or
 - ☐ no item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in this statement was known to any individual designated in 37 C.F.R. §2.56(c) more than three months prior to the filing of this statement.
- ☐ This statement is filed on or before payment of the issue fee, the submission fee of \$180.00 under 37 C.F.R. §1.17(p) is enclosed, *and*
 - ☐ each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement, or
 - ☐ no item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in this statement was known to any individual

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designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this statement.

Payment


- ☐ A check in the amount of the submission fee is enclosed.
- ☒ Charge Account No. 05-0889 in the amount of the submission fee. A duplicate of this transmittal sheet is attached.

Authorization to Charge Additional Fees

- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §1.16 and §1.17 required by the attached paper and during the entire pendency of this application to Account No. 05-0889.

Respectfully submitted,

Date: May 25, 2001


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PTO/SB/08A (08-03)

Approved for sue through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/017,304
				Filing Date	December 11, 2001
				First Named Inventor	Yao Wang, et al
				Art Unit	2143
Examiner Name	England, David E.				
Sheet	1	of	1	Attorney Docket Number	EMC-01-201

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
	A1	US-6,622,263	09-16-2003	Stiffler, et al	
	A2	US-6,618,704	09-09-2003	Kanevsky, et al	
	A3	US-6,463,454	10-08-2002	Lumelsky, et al	
	A4	US-6,256,628	07-03-2001	Dobson, et al	
	A5	US-6,209,002	03/27/2001	Gagne, et al	
	A6	US-6,101,497	08-08-2000	Ofek, Yuval	
	A7	US-6,092,066	07-18-2000	Okef, Yuval	
	A8	US-6,049,853	04-11-2000	Kingsbury, et al	
	A9	US-5,758,359	05-26-1998	Saxon, Paul Davis	
	A10	US-5,742,792	04-21-1998	Yanai, et al	
	A11	US-5,544,347	08-06-1996	Yanai, et al	
	A12	US-5,206,939	04-27-1993	Vishlitzky, et al	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		Country Code, Number, Kind Code (if known)				

Examiner Signature		Date Considered	
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.